

Abstract

- Title:** The influence of the narcotic effect of nitrogen at higher partial pressures of the intellect divers.
- Objectives:** The aim of this thesis is to evaluate the extent of impact of the intellect divers at depths using air.
- Hypothes:** More experienced divers will be at a pressure corresponding to 80 meters in the air diving report factually and statistically better value at specified tests on intellect than novice divers. Substantive significance level was set at a difference of more than 10%. Statistical significance was chosen at the level of $P < 0,05$.
- Methods:** In this work was used compilation, comparison, testing, statistical evaluation of data using Student's T – test.
- Results:** When testing the probands was confirmed hypothesis. It was found that more experienced divers showed statistically and substantively better values in test intellect at adequate pressure 80 meters before beginning divers
- Keywords:** Scuba diving, nitrogen intoxication, hyperbaric chamber, diving safety, intellect